

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"4416000".pn.	US-PGPUB; USPAT	OR	OFF	2006/05/26 09:35
S2	6	"166"/\$.ccls. and "429"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/26 11:01
S3	19	"166"/\$.ccls. and fripp.in.	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:00
S4	652	"166"/\$.ccls. and heat\$3 and (battery or "fuel cell" or capacitor or "heat pump" or "heat engine")	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:02
S5	400	"166"/\$.ccls. and heat\$3 same (battery or "fuel cell" or capacitor or "heat pump" or "heat engine")	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:13
S6	400	"166"/\$.ccls. and (heat\$3 same (battery or "fuel cell" or capacitor or "heat pump" or "heat engine"))	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:33
S7	8	"166"/\$.ccls. and "237"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:14
S8	44783	(heat\$3 with (battery or "fuel cell" or capacitor or "heat pump" or "heat engine"))	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:34
S9	18880	(heat\$3 near3 (battery or "fuel cell" or capacitor or "heat pump" or "heat engine"))	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:36
S10	115	(heat\$3 near3 (battery or "fuel cell" or capacitor or "heat pump" or "heat engine")) and (downhole or "down hole")	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:39
S11	47	S10 not S5	US-PGPUB; USPAT	OR	OFF	2006/05/26 13:46
S12	15	("20020034668" "3839091" "3876471" "3981745" "5202194" "5376470" "6098020" "6253847" "6426917" "6544691" "6575248" "6579638" "6672382" "6684948" "6705085").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:21
S13	10	S12 and heat\$3	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:27
S14	1	"4805407".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:32

## EAST Search History

S15	16	(US-20020034668-\$).did. or (US-6955219-\$ or US-4416000-\$ or US-6955217-\$ or US-6860320-\$ or US-6702017-\$ or US-6502636-\$ or US-5042582-\$ or US-3648767-\$ or US-4250230-\$ or US-3758731-\$ or US-6253556-\$ or US-4351037-\$ or US-6575248-\$ or US-5202194-\$ or US-4805407-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:38
S16	0	S15 and feedback	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:37
S17	1	"5931000".pn. and pulse	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:38
S18	0	S17 and feedback	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:38
S19	742	("pulse width modulation") with (temperature or heat)	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:40
S20	364	S19 and (battery or "fuel cell" or capacitor)	US-PGPUB; USPAT	OR	OFF	2006/06/01 08:44
S21	192	S20 and feedback	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:06
S22	0	"320"/\$.ccls. and "166"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:13
S23	517	"320"/\$.ccls. and (battery with insulat\$3)	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:13
S24	182	"320"/\$.ccls. and (battery with insulat\$3).clm.	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:14
S25	20	"320"/128.ccls. and (battery with insulat\$3)	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:19
S26	0	"320"/128.ccls. and ((heat with transfer) with medium)	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:20
S27	7	"320"/.ccls. and (battery with heat\$3) and ((heat with transfer) with medium)	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:25
S28	4	("5215834"   "5624003"   "6407533"   "6411063").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/01 09:23
S29	5	"320"/.ccls. and (heat with transfer) and "phase transformation"	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:25
S30	1	"6259229".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/01 09:27

## EAST Search History

S31	21	("3767995"   "4194146"   "4209736"   "5479083"   "5504415"   "5610495"   "5631534"   "5659237"   "5684683"   "5710504"   "5760488"   "5781419"   "5808469"   "5814970"   "5821729"   "5824432"   "5828201"   "5831514"   "5869950"   "5910722"   "6072301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/01 09:31
S32	6	"429"/\$.ccls. and "166"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/01 10:06
S33	232	219/439.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/01 11:18
S34	10	219/439.ccls. and battery	US-PGPUB; USPAT	OR	ON	2006/06/01 11:19
S35	26	219/530.ccls. and battery	US-PGPUB; USPAT	OR	ON	2006/06/01 11:22
S36	16	219/540.ccls. and battery	US-PGPUB; USPAT	OR	ON	2006/06/01 11:22
S37	1680	heat\$3 with (conduct\$3 with battery)	US-PGPUB; USPAT	OR	ON	2006/06/02 11:09
S38	1221	heat\$3 with (conduct\$3 with battery)	USPAT	OR	ON	2006/06/02 11:26
S39	14	("2615933"   "3156813"   "3301250"   "3762393"   "3893834"   "4095938"   "4605006"   "5230333"   "5429115"   "5834131"   "6168613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/02 11:15
S40	710	S38 and ("126"/\$ or "219"/\$ or "136"/\$ or "429"/\$ or "165"/\$ or "320"/\$).ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/02 11:37
S41	956	"429"/\$.ccls. and (thermal with insulat\$3)	US-PGPUB; USPAT	OR	OFF	2006/06/02 11:41
S42	256	S41 and feed	US-PGPUB; USPAT	OR	OFF	2006/06/02 11:41
S43	53	"429"/\$.ccls. and ((thermal with insulat\$3) same feed)	US-PGPUB; USPAT	OR	OFF	2006/06/02 11:41
S44	1	"20050211436".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/06 09:36
S45	294	"super insulation"	US-PGPUB; USPAT	OR	OFF	2006/06/06 09:37
S46	0	S45 and ("union carbide").as.	US-PGPUB; USPAT	OR	OFF	2006/06/06 09:37
S47	219	"super insulation"	USPAT	OR	OFF	2006/06/06 09:37

## EAST Search History

S48	21	("3767995"   "4194146"   "4209736"   "5479083"   "5504415"   "5610495"   "5631534"   "5659237"   "5684683"   "5710504"   "5760488"   "5781419"   "5808469"   "5814970"   "5821729"   "5824432"   "5828201"   "5831514"   "5869950"   "5910722"   "6072301").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 10:13
S49	0	S48 and ("ceramic solid" or "ceramic fibers" or "glass solid" or "glass fibers" or "polymer solid" or "polymer fibers" or "mineral solid" or "mineral fibers" or "foamed polymer" or "foamed epoxy" or "Dewar flask" or "silica aerogel" or "dielectric powder")	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:26
S50	27	(US-20050211436-\$ or US-20020034668-\$).did. or (US-4416000-\$ or US-4351037-\$ or US-6955219-\$ or US-6955217-\$ or US-6860320-\$ or US-6702017-\$ or US-6502636-\$ or US-6575248-\$ or US-5042582-\$ or US-4250230-\$ or US-3758731-\$ or US-3648767-\$ or US-6148910-\$ or US-3156813-\$ or US-6253556-\$ or US-5202194-\$ or US-4805407-\$ or US-6259229-\$ or US-6072301-\$ or US-5990661-\$ or US-6109372-\$ or US-3564273-\$ or US-6781349-\$ or US-6575156-\$ or US-4314008-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:16
S51	3	S50 and ("ceramic solid" or "ceramic fibers" or "glass solid" or "glass fibers" or "polymer solid" or "polymer fibers" or "mineral solid" or "mineral fibers" or "foamed polymer" or "foamed epoxy" or "Dewar flask" or "silica aerogel" or "dielectric powder")	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:26
S52	1993	insulation.clm. and ("ceramic solid" or "ceramic fibers" or "glass solid" or "glass fibers" or "polymer solid" or "polymer fibers" or "mineral solid" or "mineral fibers" or "foamed polymer" or "foamed epoxy" or "Dewar flask" or "silica aerogel" or "dielectric powder")	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:17
S53	119	S52 and battery	US-PGPUB; USPAT	OR	ON	2006/06/06 10:18
S54	76	S52 and battery	USPAT	OR	ON	2006/06/06 10:18

## EAST Search History

S55	34	(US-20050211436-\$ or US-20020034668-\$).did. or (US-4416000-\$ or US-4351037-\$ or US-6955219-\$ or US-6955217-\$ or US-6860320-\$ or US-6702017-\$ or US-6502636-\$ or US-6575248-\$ or US-5042582-\$ or US-4250230-\$ or US-3758731-\$ or US-3648767-\$ or US-6148910-\$ or US-3156813-\$ or US-6253556-\$ or US-5202194-\$ or US-4805407-\$ or US-6259229-\$ or US-6072301-\$ or US-5990661-\$ or US-6109372-\$ or US-3564273-\$ or US-6781349-\$ or US-6575156-\$ or US-4314008-\$ or US-3864170-\$). did. or (US-4403023-\$ or US-4425413-\$ or US-4598005-\$ or US-4692363-\$ or US-5278002-\$ or US-6336408-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:26
S56	10	S55 and ("ceramic solid" or "ceramic fibers" or "glass solid" or "glass fibers" or "polymer solid" or "polymer fibers" or "mineral solid" or "mineral fibers" or "foamed polymer" or "foamed epoxy" or "Dewar flask" or "silica aerogel" or "dielectric powder")	US-PGPUB; USPAT	OR	OFF	2006/06/06 10:47
S57	28	("2297254"   "2643087"   "3280923"   "3507704"   "3511714"   "3664873"   "3981745"   "4250230"   "4629537"   "4826742"   "4866607").PN. OR ("5202194"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/06 11:04